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L1: Entry 1 of 2

File: USPT

US-PAT-NO: 6228937

DOCUMENT-IDENTIFIER: US 6228937 B1

TITLE: Crosslinkable powder composition which is redispersible in water

DATE-ISSUED: May 8, 2001

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|-----------|-------|----------|---------|
| Eck; Herbert | Bad Toelz | | | DE |
| Mayer; Theo | Haiming | | | DE |
| Weitzel; Hans-Peter | Reischach | | | DE |

US-CL-CURRENT: 525/57; 524/503

ABSTRACT:

A crosslinkable powder composition is provided which is redispersible in water and comprises

a) from 30 to 95 parts by weight of a water-insoluble, film-forming polymer of one or more free-radically polymerizable, ethylenically unsaturated monomers,

b) from 5 to 70 parts by weight of a water-soluble polymer, where at least one of the polymer components a) and b) comprises one or more comonomer units containing reactive groups which can form a chemical, nonionic bond with one another or with crosslinkers, and the parts by weight of a) and b) add up to 100 parts by weight, and

c) from 0.01 to 5% by weight, based on the total weight of a) and b), of at least one phase transfer catalyst.

4 Claims, 0 Drawing figures

Exemplary Claim Number: 1

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |
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☐ 2. Document ID: US 5741833 A

L1: Entry 2 of 2

File: USPT

US-PAT-NO: 5741833

DOCUMENT-IDENTIFIER: US 5741833 A

TITLE: Raw material for injection molding

DATE-ISSUED: April 21, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Seyama; Yoshihiko | Kawasaki | | | JP |
| Shimizu; Yutaka | Kawasaki | | | JP |
| Iijima; Shinya | Kawasaki | | | JP |

US-CL-CURRENT: 523/205; 428/407, 523/200, 523/216, 524/430, 524/431, 524/437, 524/444

ABSTRACT:

A raw material for injection molding comprising a metal powder or a ceramic powder, and a binder containing at least two types of resins, obtained by coating or encapsulating the metal powder or ceramic powder particles with a resin insoluble in a predetermined solvent and having a high softening temperature, and subsequently kneading the resultant powder and a resin soluble in the solvent and having a low softening temperature.

8 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

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|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|-----------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWAC | Draw Desc | Image |
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